

**STATE FAIR CAREER AND TECHNOLOGY CENTER DUAL ENROLLMENT/ARTICULATED CREDIT  
2024 - 2025 COURSE LIST**

**Program** \* Courses may also apply to other programs.

**Credit Hours CRN**

**AUTOMOTIVE TECHNOLOGY\***

|                      |          |   |          |       |
|----------------------|----------|---|----------|-------|
| First Year Students  | AUTO 104 | Introduction to Auto Technology           | 4 Fall   | 21216 |
|                      | AUTO 102 | Introduction to Automotive Industry       | 3 Fall   | 21303 |
| Second Year Students | TECH 101 | Technical Math                            | 3 D2     | 21230 |
| Rotation             | AUTO 113 | Steering, Suspension & Wheels             | 5 Fall   | 21217 |
|                      | AUTO 115 | Automotive Brakes                         | 5 Spring |       |
|                      | AUTO 116 | Automotive Electrical System Fundamentals | 3 Fall   | 21218 |
|                      | AUTO 118 | Automotive Electrical Systems             | 3 Spring |       |

**BUILDING TRADES \***

|                      |          |                         |        |             |
|----------------------|----------|-------------------------|--------|-------------|
| First Year Students  | CNST 145 | Construction Methods I  | 3      | Articulated |
|                      | CNST 162 | Construction Safety     | 3 Fall | 21219       |
| Second Year Students | CNST 146 | Construction Methods II | 3      | Articulated |
|                      | TECH 101 | Technical Math          | 3 D2   | 21231       |

**CRIMINAL JUSTICE\***

|                      |          |                                  |          |       |
|----------------------|----------|----------------------------------|----------|-------|
| Second Year Students | MATH 112 | Intermediate Algebra             | 3 D2     | 21234 |
| Rotation             | CJ 101   | Introduction to Law Enforcement  | 3        |       |
|                      | CJ 102   | Introduction to Criminal Justice | 3 Fall   | 21220 |
|                      | CJ 103   | Traffic Safety                   | 3        |       |
|                      | CJ 104   | Criminal Investigation           | 3        |       |
|                      | CJ 105   | Criminal Law                     | 3 Fall   | 21221 |
|                      | CJ 111   | Introduction to Corrections      | 3 Spring |       |

**EARLY CHILDHOOD PROFESSIONS\***

|                       |          |                                   |          |       |
|-----------------------|----------|-----------------------------------|----------|-------|
| First Year Students:  | ECD 101  | Intro to Early Childhood          | 3 Fall   | 21222 |
|                       | ECD 103  | Child Growth & Development        | 3 Spring |       |
| Second Year Students: | ECD 109  | Observation & Planning Assessment | 3 Fall   | 21223 |
|                       | ECD 107  | Child Nutrition, Health & Safety  | 3 Spring |       |
|                       | HLTH 102 | First Aid                         | 2 Spring |       |
|                       | MATH 112 | Intermediate Algebra              | 3 D2     | 21235 |

**GRAPHIC DESIGN\***

|                       |          |                                 |          |       |
|-----------------------|----------|---------------------------------|----------|-------|
| First Year Students:  | ART 160  | Introduction to Graphic Design  | 3 Fall   | 21224 |
|                       | CAPP 162 | Desktop Publishing              | 3 Spring |       |
| Second Year Students: | WEB 103  | Introduction to Web Development | 3 Spring |       |
|                       | WEB 118  | Digital Imaging                 | 3 Spring |       |
|                       | WEB 119  | Digital Illustration            | 3 Fall   | 21225 |
|                       | MATH 112 | Intermediate Algebra            | 3 D2     | 21236 |

**HEALTH OCCUPATIONS\***

|                        |          |                                    |          |             |
|------------------------|----------|------------------------------------|----------|-------------|
| First Year Students:   | NURS 114 | Fundamentals of Nursing I          | 2 D2     | 21238       |
|                        | HEOC 119 | Medical Terminology I              | 3 D2     | 21239       |
|                        | HEOC 152 | Certified Nurse Assistant          | 6 D2     | 20147       |
|                        | HEOC 155 | Certified Nurse Assistant Clinical | 2 D2     | 20146       |
|                        | MATH 112 | Intermediate Algebra               | 3 D2     | 21237       |
| Allied Health Academy: | BIO 103  | Human Biology                      | 3 Fall   | 20621/20486 |
|                        | ENGL 101 | English Composition I              | 3 Fall   | 20679/20686 |
|                        | SS 104   | College Skills                     | 3 Fall   | 20558/20559 |
|                        | BIO 207  | Human Anatomy with Lab             | 4 Spring |             |

|          |                     |          |
|----------|---------------------|----------|
| Math 114 | Precalculus Algebra | 3 Spring |
|----------|---------------------|----------|

INDUSTRIAL EQUIPMENT MAINTENANCE \* ~~Suspended for 2023-2024/2024-2025~~

|                      |          |                                 |   |
|----------------------|----------|---------------------------------|---|
| Second Year Students | TECH 101 | Technical Math                  | 3 |
| Rotation             | IEM 102  | Electric Fundamentals           | 3 |
|                      | IEM 104  | Electrical Power                | 3 |
|                      | IEM 106  | Industrial Mechanics            | 3 |
|                      | IEM 112  | Control Circuit Troubleshooting | 3 |

PRECISION MACHINING\*

|                       |          |                                      |          |       |
|-----------------------|----------|--------------------------------------|----------|-------|
| First Year Students:  | MACH 101 | Intro to Machining                   | 4 Fall   | 21226 |
|                       | MACH 102 | Lathe and Milling Machine Operations | 4 Spring |       |
| Second Year Students: | MACH 111 | Intro to CNC Machining               | 4 Fall   | 21228 |
|                       | MACH 134 | Computer Aided Manufacturing         | 4 Spring |       |
|                       | TECH 101 | Technical Math                       | 3 D2     | 21232 |

WELDING TECHNOLOGY \*

|                       |          |  |                            |       |
|-----------------------|----------|--|----------------------------|-------|
| First Year Students:  | WELD 120 | Shielded Metal Arc Welding I               | 3 Fall                     | 20200 |
|                       | WELD 126 | Gas Metal/Flux Core Arc Welding I          | 3 Fall                     | 20202 |
|                       | WELD 116 | Print Reading for Welders                  | 3 Fall                     | 20199 |
|                       | WELD 114 | Structural Layout and Fabrication          | 3 Spring                   |       |
|                       | WELD 122 | Shielded Metal Arc Welding II - Structural | 3 Spring                   |       |
|                       | WELD 128 | Gas Metal/Flux Core Arc Welding II         | 3 Spring                   |       |
| Second Year Students: | CNST 162 | Construction Safety                        | 3 Fall                     | 20194 |
|                       | WELD 132 | Gas Tungsten Arc Welding I                 | 2 Fall                     | 21227 |
|                       | WELD 124 | Shielded Metal Arc Welding III – Pipe      | 4 Fall                     | 21229 |
|                       | WELD 134 | Gas Tungsten Arc Welding II                | 3 Spring 1 <sup>st</sup> 8 |       |
|                       | WELD 136 | Gas Tungsten Arc Welding III               | 4 Spring 2 <sup>nd</sup> 8 |       |
|                       | TECH 101 | Technical Math                             | 3 D2                       | 21233 |